1027000084290

State Journal of Medicine

ISSUED MONTHLY: OWNED AND PUBLISHED BY THE

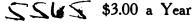
CALIFORNIA MEDICAL SOCIETY OF THE STATE OF

Vol. VIII, No. 9

SEPTEMBER.

Report of the Carnegie Foundation for the Advancement of Teaching in Medical Schools of California296

port299



CONTENTS Editorial Notes289

ORIGINAL ARTICLES. Medical Expert Testimony.....292

Remarks of Oscar C. Mueller, Chairman of Committee on Amendment of Laws of the Los Angeles Bar Association, on "Medical Expert Testimony." (To be concluded in the October issue)............292

The Carnegie Report-A Com-

ment. By A. A. D'Ancona...301 A Protest From Cooper Medical College302 (Contents continued on page VII.)

The Carnegie Foundation Re-

he Problem of Pre-Medical Education. By T. W. Hunt-ington, M. D......303

Some Notes on Nitrous Oxid and Oxygen for Prolonged Anesthesia and a Report of a Few Critical Cases. By Edith Hammond Williams, M. D....305

Frontal Sinus Suppuration. By Hill Hastings, M. D.....307

ENTERED AT SAN FRANCISCO, CAL. AS SECOND-CLASS MATTER

State Journal Binder

FOR 60 CENTS, POSTPAID.

BIND EACH ISSUE AS YOU GET IT—TAKES LESS THAN ONE MINUTE'S TIME.

PERMANENT BINDING AT THE END OF THE YEAR—NO TIME

NO TROUBLE.

Write to CALIFORNIA STATE JOURNAL OF MEDICINE,

BUTLER BUILDING.

SAN FRANCISCO.

F. WEDEKIND---APPLIAN

(SEE PAGE VIII)

Essence of Pepsine—Fairchild

is, by intention and in fact, physiologically different from the preparations made with dry pepsin. It is obtained from the secreting glands of the fresh gastric mucous membrane by a process which extracts the principles and properties of the gastric juice and presents them in association with all the soluble gastric cell constituents.

Essence of Pepsine—Fairchild

is practically an artificial gastric juice, standardized to a definite activity with respect to each of the two well-known gastric enzymes, promptly active in promoting gastric normality, upon which depends the further normal transformation of food into the absorbable form in which it becomes directly contributory to life and energy.

FAIRCHILD BROS. & FOSTER New York

A "BALKY" LIVER

Like a lazy horse, the liver sometimes refuses to work. It needs the whip of physiologic stimulation.

See "New and Non-Official Remedies"

not only encourages hepatic activity, but also checks Intestinal Putrefaction and assists Pancreatic Digestion. It exercises cholagogue, antiseptic and digestive properties, and thus relieves Intestinal Dyspepsia and prevents and relieves Intestinal Auto-Intoxication.

DOSE: One tablespoonful, well diluted, after each meal. Formula, samples and literature upon application.

F. H. STRONG COMPANY, 58 Warren St., New York

Supplied in twelve (12) ounce bottles only.

DR. R. E. BERING'S

SANATORIUM

An ETHICAL, HOME-LIKE INSTITUTION for the exclusive care and treatment of Alcohol and Drug Addictions.

Separate building for lady patients, thus assuring absolute privacy. Lady attendant.

ACUTE ALCOHOLICS CARED FOR.

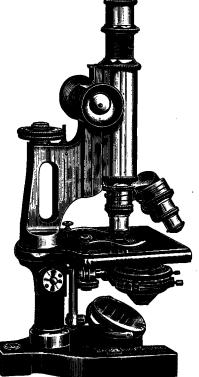
1519-1521 SCOTT STREET

Bet. Geary and Post Sts.

Phone West 6200.

San Francisco.

Bausch & Lomb Optical Co.



Factories: Rochester, N. Y. Frankfort, A. M. Germany

MICROSCOPES
LABORATORY GLASSWARE
CHEMICALS AND REAGENTS
BACTERIOLOGICAL APPARATUS
TRANSITS AND LEVELS
STEREO FIELD GLASSES
PHOTOGRAPHIC LENSES
PHOTOGRAPHIC SHUTTERS
PROJECTION LANTERNS

154 SUTTER STREET SAN FRANCISCO

TELEPHONE KEARNY 2398

Vaccine Therapy

Its Use and Abuse

The benefits to be derived from bacterial vaccines depend almost entirely upon two things. First, proper diagnosis in differentiating the infection about to be treated and, second, the selection of the appropriate vaccine or vaccines and their correct symptomatic administration both as to dosage and spacing. Given the fulfillment of these conditions results can be looked for with reasonable certainty in the average

NOT A CURE-ALL.

Of course there are instances where proper diagnosis and correct methods of administration may prove unavailing, probably due to the fact that some cases are not amenable to vaccine therapy on account of lowered resistance from the progress of the disease and the inability of the system to respond to the treatment.

AUTOGENOUS VACCINE.

It need hardly be stated that the autogenous or personal vaccine truly representing the personal organism or organisms of infection in a given case is more ideal and appropriate than any stock vaccine of whatever number of strains or bacterial flora, nevertheless the "stock" vaccines enter more largely into vaccine treatments on account of price and convenience and the fact that they are giving good results in the majority of cases, and possibly as good as the autogenous vaccines in many.

LIMITATIONS OF STOCK VACCINES.

The use of a stock vaccine is necessarily limited. If it represents only one organism it is indicated only in infections solely due to that specific organism. for instance a Gonococcic Vaccine, it is only indicated in pure Gonococcic infections. A Gonococcic infection complicated with associating bacteria will not respond to it because it only represents one organism in the infection, and herein lies the cause of many failures—the vaccine is called upon to do work for which it is not fitted, so to speak, and was never intended.

MOST CHRONIC CASES MIXED.

It is a fact, now generally recognized, that most all chronic cases of Gonorrhea, and even many acute ones, are mixed infections, and that the secondary infections change the characteristics of and sometimes even eliminate the original infection. With this in view we have prepared a Mixed Gonorrhea Vaccine—one representing the bacteria almost invariably found in association in chronic Gonorrhea together with those occasionally found in such cases, and this we have standardized to about 500,000,000 dead cells to the c.c.

It is the nearest approach that can be made in a stock vaccine to a personal one,

and represents in its adjustment the average mixed infection.

WORTHY OF A TRIAL.

Already, it has been tried by hundreds of physicians and the results are highly gratifying. While not desiring to make any absolute claims for its efficiency, we candidly believe that it possesses merit that warrants us in recommending it to the medical profession as worthy of the fullest and friends trial. medical profession as worthy of the fullest and fairest trial.

We should be pleased to send our complete price list and literature to physicians

and for those who are interested in

TYPHOID PROPHYLAXIS

we have a special pamphlet.

PLEASE SPECIFY "CUTTER'S"

The Cutter Laboratory

U. S. Government License No. 8

Berkeley, Cal.



Antidiphtheric Serum (P. D. & Co.)—The favorite antitoxin of the medical profession for sixteen years.

Antidiphtheric Globulins (P. D. & Co.) - Globulins of Antidiphtheric Serum. More concentrated than the regular seram; smaller dose; same price.

PARKE, DAVIS & CO.'S

Antidiphtherit and Globulins

represent the latest and best methods of serum manufacture. Every precaution available to bacteriological science is taken to insure their purity, potency and uniformity.' They are exactingly standardized, tested and retested. They are supplied in the latest improved piston-syringe container - a syringe container embodying the highest degree of safety and convenience.

580, 1900, 2000, 3000, 4000 and 5000 miles

We protect both physician and pharmacist against loss by accepting unused serum in exchange for fresh product.

Tokio, Japan; Buenos Aires, Argentina.

Just a Little Better

San Francisco "Overland Limited"

Southern Pacific--Union Pacific

TICKET OFFICES

Flood Building

42 Powell Street

Market Street Ferry Depot

Broadway and Thirteenth Street, Oakland

The "Storm" Binder and Abdominal Supporter

Is adapted to use of Men. John Stranger Balling and Babies.

No Whalebones
No Rubber Elastic
Washable
as Underwear

Light

Flexible 3 54 54

Durable

Comfortable 3436

The invention which took the prize offered by the Managers of the Woman's Hospital of Philadelphia.

Illustrated folder giving styles, prices and diagram for measuring and partial list of physicians using "Storm" Binder sent on request.

grundu dadə garak eribə Ə

The "Storm" Binder may be used name as a SPECIAL support in cases of prolapsed kidney, stomach, colon and in ventral and umbilical hernia; as a GENERAL support in pregament, obesity and general relaxation; as a POST OPERATIVE Binder after operation upon the kidney, stomach, bladder, appendix and view pervice organs, and after plastic operations and in conditions of irritable bladder to support the second of the viscera.

Try it for Chronic Indigestion due to Ptosis of Stomach or Colon.

KATHERINE L. STORM, M. D., 1612 DIAMOND ST., PHILA.

Manufacturing Agent for California,

FRANK F. WEDEKIND, 2006 SUTTER STREET

San Francisco, Cal.



MANACI

FOR SALE.

In Humboldt County; a practise that brings \$3,000 to \$5,000 a year. No competition; fine opportunity.

TATHT BE TO THE ACTION OF THE STATE OF THE S

ed behave the displaying the properties and the properties and the properties of the

Care of California State Journal of Medicine,

Addeel, J. V. ROBERTSON, M. IS. DRAWAR SCHVERMORE CAL.

TO LEASE

HOSPITAL SANATORIUM

The balling now, and for the last four years, occupied in the last four years, and for the last four years, occupied in the last fou

For particulars apply to D. J. MURPHY, 316 Balboa Building, or at 523 Clayton street.

Physicians - Surgeons - Dentists

THE

FIDELITY AND CASUALTY CO.

Will protect you against loss from suits for alleged malpractice. Also indemnifies against accidental injuries and illness.

Endorsed by the Profession.

Assets, June 30, 1910 - - - \$9,607,864.46 Surplus to Policy Holders - - - \$3,378,053.64

CHAS. J. BOSWORTH, Resident Manager, 204 Merchants Exchange, San Francisco

AGENTS IN ALL LARGE TOWNS

Walters Surgical Company

INSTRUMENTS AND SUPPLIES

Exclusive Manufacturers of

HIGH CLASS HOSPITAL FURNITURE,
STERILIZERS, DISINFECTING
APPARATUS.

Our line of X-Ray Coils, Static Machines, Wall Plates, Batteries, the best made.

Trusses, Abdominal Supporters and Elastic Hosiery, Artificial Limbs and All Kinds of Deformity Work.

393 SUTTER ST.

1834 GEARY ST.

San Francisco

Stevenson & Co.

MANUFACTURERS OF

Medical Instrument Cabinets

AND

Special Office Furniture

1222-24 SUTTER STREET

SAN FRANCISCO

Franklin 1201

CABINET AS PER CUT

\$55.00

Size: 18 inches Deep, 38 inches Wide, 61 inches

" Company Second

A. M. A. Principles of Ethics.
"It is equally derogatory to professional character for physicians to dispense or promote the use of secret remedies."

OBSERVE

That the indications for GARDNER'S SYRUP AMMONIUM HYPOPHOSPHITE

are

Laryngitis, Pharyngitis, Bronchitis and Minor Coughs.

That you will not have to prescribe opiates or anodynes in order to obtain the desired action.

That it is an active stimulating expectorant.

NOTE

That it will not be dispensed unless you specify "GARDNER".

REMEMBER

That it is made from chemically pure Ammonium Hypophosphite, sixteen grains to the fluid ounce.

That it is palatable.

Samples and literature will be gladly sent you, upon request.

Firm of R. W. GARDNER,
P. O. Box 1525,
New York City.

DIAMOND ANTISEPTICS, LILLY

YOU CAN'T MISTAKE THEM IN THE DARK

- ¶ The tablets are diamond shape and marked "POISON;" the bottle is of peculiar design—safeguarding users against error.
- ¶ Mercury Bichloride is first among the powerful germicides. The safest and best way to use it is in the form of Diamond Antiseptics, Lilly, which combine rapid solubility and certainty of germicidal action with the greatest safety possible.



Back View of Bottle Containing 25 Large Tablets

- The tablets are hand-molded and their loose texture, angular shape and large surface render them rapidly soluble.
- A small amount of citric acid is combined with the bichloride which prevents precipitation of insoluble mercury in neutral solutions, hard water or when in contact with albuminous liquids.
- ¶ Solutions of Diamond Antiseptics are permanent and act with certainty on all septic matter, even in blood, pus, serum, etc.
- While soft or distilled warm water is best for solutions, Diamond Antiseptics dissolve quickly in moderately hard water—an important advantage in emergencies.
- ¶ They are made in two sizes—LARGE and SMALL, containing 7.3 grs. and 1.82 grs. of Mercury Bichloride respectively, and three colors—White, Blue and Pink. The large tablets are supplied in bottles of 25, 100 and 1000, also in pounds. The small tablets are supplied in bottles of 100, 500 and 1000.
- ¶ By specifying Diamond Antiseptics, "Lilly," you will take every precaution possible against inefficiency and error. request for samples to Indianapolis.

INDIANAPOLIS

A. M. A. Principles of Ethics.

NEW ORLEANS

"it is equally derogatory to professional character for physicia ns to dispense or promote the use of secret remedies."



The Original and only Genuine

In Febrile Diseases

Enables the physician to avoid the use of impure or adulterated milk during the summer months, in the treatment of febrile and all gastro-intestinal diseases. A palatable milk diet, embodying the carbohydrates and other important food elements of the malted grain, and presenting the casein in a soluble, easily assimilated form. Ensures adequate nutrition and safeguards the patient against complications that frequently arise from the use of foods that are not relished nor properly digested.

That your patients may obtain the best as well as the original and only genuine, always specify "Horlick's."

Samples sent, free and prepaid, to the profession, upon request.

HORLICK'S MALTED MILK COMPANY, Racine, Wis., U. S. A.



A prominent physician writes us:

You have struck the right note on the Food Question

We have saved baby by the use of your Food when others failed"

The reasons why

"strikes the right note" in substitute feeding, is that it is both A MILK MODIFIER AND AN AUXILIARY FOOD

It modifies cow's milk and makes it more digestible, and it supplies the right food-elements in the right proportions

The illustrations show the reasons for the ready digest-

Send for samples and literature

SMITH, KLINE & FRENCH CO., PHILADELPHIA, PA.



Illustration showing the soft, flocculent condition of the curd of cow's milk modified with Eskay's Food, and coagulated by the addition of artificial gas-

Illustration showing the tough, leathery curds of cow's milk, which has been coagulated by the addition of artificial gastric juice.

The Way to the East

IS VIA THE

CALIFORNIA LIMITED

The Most Luxurious Train Across the Continent

OR THE COMFORTABLE

OVERLAND EXPRESS

To Denver, Kansas City, St. Louis, Chicago, New York and all Eastern Points

Personally Conducted Tourists Excursions every Monday, Thursday and Saturday

See the Grand Canyon---Greatest Rift in Earth's Crust

Full Information of

SANTA FE AGENT

681 Market St.

Monadnock Bldg.

San Francisco, Cal.

St. Francis Hospital and Training School for Nurses

2868 CALIFORNIA ST. Between Devisadero and Broderick Sts.

Accommodations for 100 Patients

Two Operating Rooms.

Every Modern Appliance

BOARD OF TRUSTEES

Frank K. Ainsworth

Walter B. Coffey

Wallace I. Terry

John Gallwey

Malcolm O. Austin

DR. CASE'S SANITARIUM

FORMERLY "THE DR. PETTEY RETREAT"

___LIMITED TO THE TREATMENT OF____

ALCOHOL and DRUG ADDICTIONS

I have bought Dr. Pettey's interest in the Sanitarium and will continue to conduct the business on strictly ethical lines. The method of treatment employed is based upon the original investigations of Dr. Geo. E. Pettey of Memphis, Tenn,, and first published to the profession by him in 1901. (See Therapeutic Gazette, Oct. 1901.)

This method of treatment removes these addictions from the list of almost incurable diseases and renders them the most certainly and readily curable of the chronic ailments.

REFERENCE:

Any Reputable Physician in Oakland.

C. L. CASE, M. D. 2249 Webster St., Oakland, Cal-

College of Physicians and Surgeons

MEDICAL DEPARTMENT

University of Southern California

516 EAST WASHINGTON STREET Los Angeles

Four years' graded course of nine months each; laboratory facilities and clinical advantages unexcelled; combined courses in Arts, Science and Medicine offered; Faculty of experienced teachers; 1910-11 session begins Sept. 14, 1910, and closes June 15, 1911. For catalogue and information, address the Dean,

DR. CHARLES W. BRYSON

Delta Building

Los Angeles, Cal.

The Oakland College of Medicine

Oakland, California

The Session of 1910-11 will open August 10

This College also offers post-graduate courses in

TROPICAL MEDICINE AND
MUNICIPAL SANITATION
AND PUBLIC HEALTH

For details, address the Registrar

DIABETES MELLITUS

A writer in one of our prominent State Medical Journals, recently made the statement that "all authors of text-books on diseases of the digestive tract declare that literature written prior to ten years ago ought to be destroyed."

We are publishing a series of monographs on metabolism, covering recent research work in the field of digestion and nutrition and will take pleasure in mailing copies of any or all of this series to any physician on request.

- No. 1. Diabetes Mellitus, Trypsogen Treatment.
- No. 2. Diet in Diabetes Mellitus.
- No. 3. Complication and Sequelae of Diabetes Mellitus.

Antithermoline



NOW SUPPLIED IN GLASS JARS
Retail Prices

5 oz. Glass Jars...\$.25 | 134 lb. Glass Jars...\$1.00 l1 oz. Glass Jars... .50 | 5 lb. Glass Jars.... 2.25

Relieves
Local
Pain and
Inflammation

(Apply Externally)

TRIAL
PACKAGE
ON
REQUEST

Recent graduates, not in medical directory, kindly enclose professional card.

G. W. CARNRICK CO.

33 SULLIVAN STREET New York City

Bellevue Hospital

SAN FRANCISCO, CALIFORNIA

A Private Institution Open to All Reputable Physicians

1700 CALIFORNIA STREET

Above Van Ness Avenue

Phones: Franklin 436

Home S-3399

R. R. ROGERS

FOR INTRAMUSCULAR, INTRAVENOUS and SUBCUTANEOUS INJECTION

12 Sterilized Tubes of a given preparation in each box, and price (to physician only) is \$1.50 per box, through your Druggist or from us, postpaid, cash with order.

You give a definite dost in each tube, you know the patent does not "forget" to take it. It never disturbs digestion, it cannot be eliminated without first being absorbed, the results are visibly rapid to both you and your patient, you see your patient frequently and thus help yourself and your patient. Injection is the most common form of treatment in France. Germany and Italy.

MER-CAC-O-DOL GRAY OB.

(Mercury Cacodylate Compound For Syphilis and Tuberculssia CAMPHORA Support of Syphilis CAMPHORA Support of Syphilis CAMPHORA Support of Syphilis CAMPHORA Support of Syphian Symptomic Camphora Support of Symptomic Camphora Symptomic Cam

MERCURY BENZOATE
For Syphilia.
Also in 02. bottles at \$1.00.
MERCURY SOZO-IODOLATE
For Syphilia.
Also in 02. bottles at \$1.00. MERCURY SALICYLATE
For Syphilis.

CAMPHORATED OIL For heart stimulation in collapse and after operations.

IRON CACODYLATE
For Nourasthenia, Hysteria, Tuberi culosis, Anemia, Chlorosis, Skin Diseases, Palud sm.

STROHANTHIN
For according against a

ATOXYL (ARSACETIN)
For Tupprollesis, Anemias, Skin
Diseases, Syphilis, Steeping, Sickness, etc.

ness, etc.

SODIUM CACODYLATE

For Neurasthenia, Hyster's Tuber

culosis, Skin Diseases and Paluti CAFFEIN

For Nouriasthenia, Hysteria, Tubericulosis, Anemia, Chlorosis, Skin Diseases, Ind. Palado (AFFELM For roulosis, Anemia, Chlorosis, Skin Diseases, Palado (AFFELM For places), Palado (AFFELM For places), Palado (AFFELM For places), Palado (AFFELM For places), Skin Diseases, Ind. Palado (AFFELM For places), Pala

NEURASTHENIA COMPOUND

For obstetrical and gynecological work.

R. R. ROGERS CHEMICAL CO.

527-529 Commercial Street, San Francisco, Cal., U.S.A.

OWERMAN'S

Quality PRESCRIPTION Service



Monosodium-Diethyl-Barbituric Acid

A freely soluble hypnotic for use by mouth, by rectum and subcutaneously. Being readily absorbed and rapidly excreted, it is distinguished by

PROMPT AND RELIABLE SOPORIFIC EFFECT FREEDOM FROM CUMULATIVE TOXIC ACTIONS

Superior to the sparingly soluble diethyl-barbituric acid of Mering. Advantageously replaces chloral in threatening delirium tremens; useful in the treatment of morphinism.

Dose: 5 to 15 grains (1 to 3 tablets)



Brom-Isovaleric-Acid-Borneolester

Combines the action of valerian with that of bromine, but is readily taken and well borne, causing no eructation or other untoward symptoms. Exhibits

VIGOROUS SEDATIVE AND NERVINE EFFECT INNOCUOUSNESS EVEN IN LARGE DOSES

Decidedly effective in neurasthenic and hysterical conditions, obviating subjective difficulties mental and physical fatigue, headache, nervousness, insomnia, etc.

Dose: 1 to 3 pearls several times daily

Literature from

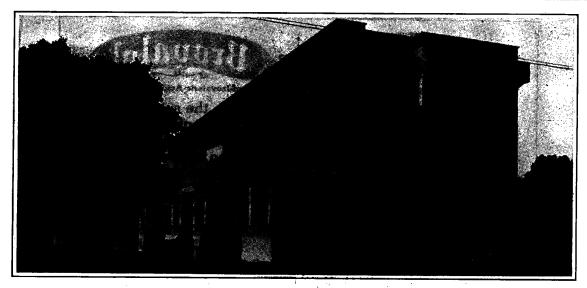
SCHERING & GLATZ

New York

LECITHOL

A palatable emulsion of lecithin. Rich in organic phosphorus. Stimulates nutrition, increases hemoglobin and leucocytes and improves the appetite. LECITHOL is indicated in rickets, infantile atrophy, pancreatic diabetes, chlorosis, tuberculosis, and as a tonic for the aged and overworked.





PENINSULA HOSPITAL

PALO ALTO, CALIFORNIA

Completed and occupied on January 1, 1910. The special features are: Roof Garden, Completely Equipped Operating Room, Solarium on each floor, Covered and Uncovered Verandas, Large Sunny Rooms, Electric Elevator, a Faultless Cuisine and a Matchless Climate. Admirably adapted to the treatment of General Medical, Surgical and Maternity Cases, and especially adapted for the care of Rest Cure Cases. Rates range from \$3.00 to \$7.00 per day. A Training School for Nurses is also maintained.

Address all communications to the Superintendent, or to

J. H. KIRK, M. D.

T. M. WILLIAMS, M. D. Administration Committee

S. B. VAN DALSEM, M. D.

3 Words

—almost instantly soluble—
explain why so many physicians use ONLY

S & D's hypodermics

—the whole story in a nutshell. If a free sample will not convince YOU—but it will. It's yours for the asking. Where shall we send it?

SHARP & DOHME
The Hypodermic Tablet People
BALTIMORE, MARYLAND

T is probable that, with possibly one or two honorable exceptions, every large pharmaceutical house in the United States has been making a practice of furnishing medicaments for quacks and fake medicine concerns."

Extract from the Journal of the American Medical Association, July 30th, 1910. Page 419.

The Abbott Alkaloidal Company

is the most notable of the "honorable exceptions." We have for years refused the business of patent medicine fakers. We have led and still lead. Others must follow. Our policy, given openly to the profession many, many times, is that stated below. Standing squarely, as ever, upon this platform we ask your support and patronage.

Our Policy

We do not serve the laity. We make no "Dope for Quackery." We seek the confidence and the preference of the profession, to whom we give a "Square Deal"—always.

We do not pretend to be ethical—we are ethical. With us ethics is not a mask put on and off to suit the occasion. Our formulas are open and our products openly exploited.

See the eye-opening editorial articles on this topic in the Journal of the American Medical Association, July 2, 1910, under the caption, "Pharmaceutical Manufacturers and the Great American Fraud;" also our "Open Letter to Every Doctor," in the Journal of the American Medical Association of July 16th, 1910.

THE ABBOTT ALKALOIDAL COMPANY, CHICAGO.

No Uncertainty Now In Digitalis Medication;

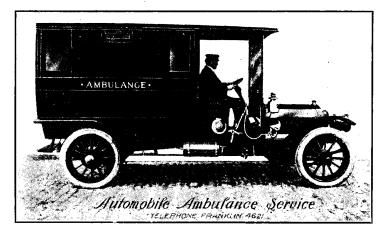
Results to-day—at once, if need be—not "to-morrow," with 'Digalen'as your medium.

'Digalen' embraces all that excels in digitalis, all that exalts this drug above its rivals, all that makes it the remedy in heart affections for which there is no succedaneum.—"All the virtues of the drug in a nutshell, with the objectionable and toxic elements eliminated." 'Digalen' acts with promptness and precision; will not provoke gastric irritation; is non-cumulative within the limits of the prescribed dosage. "The most delicate stomachs retain and absorb it readily," declares a well-known physician.

*Digalen' is a sterile, stable solution of digitoxin amorphous Cloetta,—the one water-soluble digitoxin—and may be administered by mouth, enema, intravenous or intramuscular injection. Supplied in 1 Cc. ampullae (cartons of 6 and 12), and in 15 Cc. vials, each provided with a graduated pipette for measuring doses accurately. Dosage, 8-16 min.

Write to-day for a sample.

The Hoffmann-La Roche Chemical Works, 65 Fulton Street, New York.



Call FRANKLIN 4621 FRANKLIN 957 HOME C-4507

Calls are promptly answered day or night. Trained nurse accompanies the ambulance. Patients transferred quickly and comfortably. Graduate Nurses' Bureau.

THE KING AUTOMO-BILE AMBULANCE SERVICE 2035 Larkin Street

San Francisco

A. BERBERT & BRO.

Manufacturers &

Surgical Instruments

Orthopedic Appliances, Trusses, Elastic Hosiery, Etc.

PHONE DOUGLAS 5425

432 Sutter Street

Bet. Powell and Stockton Streets

JUST A MOMENT, DOCTOR.

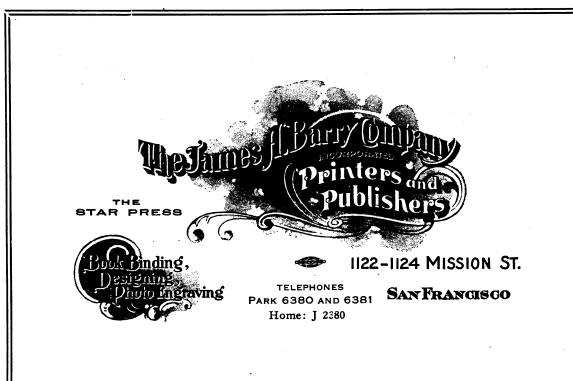
Here is a special message for you. The Automatic Home Phone gives prompt and secret service. Both are especially important to you. If you have our service, use it freely—you will find it better than we claim. If you have it not, drop a card to

BAY CITIES HOME TELEPHONE COMPANY

333 GRANT AVENUE, San Francisco

1369 FRANKLIN STREET, Oakland and we will do the rest.

Home Fone C-03





Boiling water and soap will render this Underwear entirely clean when soiled, just like other linens. A garment which cannot stand boiling water and soap for an hour or longer, is neither clean nor aseptic.

Woolen undergarments and flannels generally do not stand this test. They are never clean, but a hotbed of dirt and disease germs.

In addition to cleanliness, the **Dr. Deimel Underwear** gives comfort and protection, with relief from colds, catarrh, pulmonary affections and rheumatism.

Deimel Linen-Mesh Co., 176 Sutter St., San Francisco

Branches:

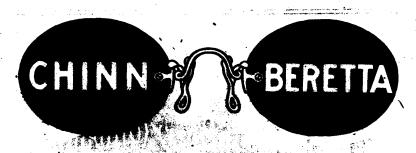
NEW YORK WASHINGTON, D. C. MONTREAL, CAN.

BROOKLYN

BALTIMORE LONDON, ENG.

DETROIT

Dr. Deimel Linen-Mesh Supporters, Suspensories, etc., are made and sold exclusively by J. Ellwood Lee Co., Conshohocken, Pa.



QUICK SERVICE

We make a specialty of filling optical prescriptions speedily. Our factories are equipped for quick work.

Ordinary Professional Prescriptions Filled and Delivered in Three Hours.

Complicated compound lenses ground, framed and fitted in half a day.

ARTIFICIAL HUMAN EYES.

Largest stock of Reform and Shell eyes on the Coast.

Selections submitted to oculists.

"MERIT ALONE
WILL STAND
THE TEST OF
TIME."
21 Years in
California.

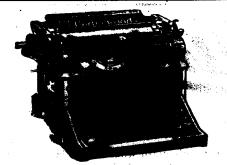
MANUFACTURERS OF GENUINE
KRYPTOK FAR AND NEAR LENSES
Equipped with the latest machinery for
filling complicated bifocal prescriptions.

120 GEARY STREET, SAN FRANCISCO

526 K St., Sacramento 407 E. 466 Thirteenth St., Oakland

407 E. Main St., Stockton

kton 439 Georgia St., Vallejo 2015 Mariposa St., Fresno



WHERE THE

UNDERWOOD STANDARD TYPEWRITER

has replaced other machines, gains have been made in celerity and accuracy of work—due to the UNDERWOOD features of proven value.

Underwood Typewriter Company

· Incorporated

San Francisco Branch:
133-135 Sutter Street, San Francisco, Cal.
"The Machine You Will Eventually Buy"

Mechanotherapy Massage Thermotherapy

Corrective Exercises for Postural Deformities

MISS GENEVIEVE COOKE

Formerly Located in the Voorhies Building before the fire.

Special Gymnasium re-established at

1143 LEAVENWORTH STREET

Between California and Sacramento Streets

Hours 1:30 to 5 p. m., and by appointment Telephone Franklin 1848

Physicians' prescriptions in any branch of this work carefully followed.

A. M. A. Principles of Ethics.
"It is equally derogatory to professional character for physicians to dispense or promote the use of secret remedies."

TRINITY HOSPITAL.

Northwest Corner

Page Street and Masonic Avenue

San Francisco

A first-class Modern Hospital for the treatment of Medical, Surgical and Obstetrical cases.

Telephone Park 6700

Telephone Kearny 2152

PH. RAHTJEN, PH. D.

Laboratory for Bacteriological and Pathological Diagnosis

814-816 GALEN BUILDING

Sutter and Stockton Sts., San Francisco, Cal.

Autogenous Vaccines

Wassermann Reaction

Location Wanted

by a well-qualified physician; or association with a busy practitioner in city or country. Address: "P. H.," care of State Journal Office, 930 Butler Building, San Francisco.



MANIKINS

Life Size

Female \$15.00, including Obstetric Chart

Male Pattern, \$12.00

For Sale by

KENISTON & ROOT

Physicians' and Hospital Supplies Surgical Instruments

LOS ANGELES

SACRAMENTO

Removal Notice

DR. H. C. McCLENAHAN, Formerly of Belmont, Cal.,

Announces the removal of his office to 906 BUTLER BUILDING, 135 STOCKTON STREET, San Francisco

Hours 2-4 p. m.

Telephone Kearny 1953

Practice limited to the Nervous System

DR. GEO. L. PAINTER

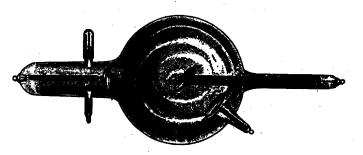
X-RAY LABORATORY

BUTLER BUILDING

135 Stockton St.

San Francisco

A. M. A. Principles of Ethics.



WHOLESALE AND RETAIL PHYSICIANS' AND HOSPITAL SUPPLIES

PHONE SUTTER 749

WM. HATTEROTH'S SURGICAL HOUSE

PACIFIC COAST AGENTS

Gundlach X-Ray Tubes
Durit Rubber Goods
Berkefeld Filters
Sampson Soch's Catgut (Prepared)
Gardiner's Kangaroo Tendon
Pluviusin--Hospital Sheeting
Impervo Hospital Sheeting

228-230-232 POWELL STREET

Between O'Farrell and Geary Streets San Francisco, Cal.

Telephone West 1285

Health Permit No. 253

We pasteurize all of our milk.

RIVERDALE CREAMERY

H. ANIXTER & SONS, Inc., Proprietors

1416-1418 DEVISADERO STREET

San Francisco

Absolutely Pure

Without Any Preservatives

Los Angeles Department, College of Medicine

University of California

FACULTY.

Benjamin Ide Wheeler, LL. D., Pn. D., President of the University, ex-officio President of the Faculty. Joseph Kurtz, M. D., Professor of Orthopedic Surgery. George W. Lasher, M. D., Professor of Surgery. Granville MacGowan, M. D., Professor of Genito-Uringur Discourse.

ary Diseases.
H. G. Brainerd, A. B., M. D., Professor of Psychiatry

H. G. Braherd, A. B., M. D., Professor of Psychiatry and Neurology.
H. Bert. Ellis, A. B., M. D., Professor of Ophthalmology.
Melvin L. Moore, M. D., Professor of Obstetrics.
Geo. L. Cole, M. D., Professor of Applied Therapeutics and Materia Medica.
W. W. Beckett, M. D., Professor of Gynecology and

Surgery.
Carl Kurtz, M. D., Professor of Gynecology.
Stanley P. Black, A. M., M. D., Professor of Pathology

Stanley F. Black, A. M., M. D., Trocast and Bacteriology.
W. Jarvis Barlow, A. B., M. D., Dean of Faculty and Professor of Clinical Medicine.
W. A. Edwards, A. M., M. D., Professor of Pedriatics.

Ralph Williams, M. D., Professor of Dermatology.
Hill Hastings, M. D., Professor of Otology, Rhinology and Laryngology.
Joseph M. King, M. D., Professor of Medicine.
George H. Kress, B. S., M. D., Secretary of Faculty and Professor of Hygiene.
W. LeMoyne Wills, M. D., Assistant Professor of Clinical Surgery.
D. C. Barber, A. B., M. D., Assistant Professor of Clinical Surgery.
E. A. Bryant, M. D., Assistant Professor of Clinical

cal Surgery.
E. A. Bryant, M. D., Assistant Professor of Clinical Surgery.
Hugo A. Kiefer, A. B., M. D., Assistant Professor in Ophthalmology.
W. W. Richardson, M. D., Assistant Professor of Clinical Surgery.
Titian J. Coffey, M. D., Assistant Professor of Obstetrics.

stetrics.
And a full corps of Lecturers, Instructors and Clinical Instructors.

The medical department of the State University gives instruction in three cities. All first and second year work must be done at Berkeley. The undergraduate can choose the Los Angeles or the San Francisco Departments of the College of Medicine for the work of the third and fourth years. All first and second year

For catalog or information concerning the pre-medical course at Berkeley, address Mr. James Sutton, Recorder, Berkeley, Cal.

For catalog or information concerning the Los Angeles Department, address the Secretary of that Department.

DR. W. JARVIS BARLOW, Dean.

DR. GEORGE H. KRESS, Secretary.



One of the Cottages.

COLFAX SCHOOL FOR THE TUBERCULOUS

For the treatment of cases of Pulmonary Tuberculosis. Situated at Colfax, Calif. Elevation 2422 feet. Each patient has separate cottage, lighted by electricity, with bath, toilet, and hot and cold water. Terms reasonable. For further information, write or call on ROBERT A. PEERS, M. D., or MR. J. E. TADE, Colfax, Calif. 1001 K Street, Sacramento. Colfax, Calif.



California Sanatorium
for the Treatment of Tuberculosis
BELMONT, San Mateo Co., CALIFORNIA
Superintendent, Belmont, Cal., Telephone
Superintendent, Belmont, Cal., Telephone
Ness avenue, San Francisco; 10-12 a. m.; Telephones: Franklin 166, Home C 1043.

Situated in the warm belt of the peninsula. Well protected from wind and fog, so that patients can stay out of doors day and night. Beautiful surroundings. Garden, orchards and wooded hillsides. Forty-two acres of land with excellent spring water. Within easy reach from San Francisco; 35-40 minutes by train. Not too hot in summer, not too cold in winter. For particulars address either Dr. Agnes Walker, Medical Director, 1334 Van

Lane Hospital Announcement

Lane Hospital has recently been enlarged, renovated, and improved. A story has been added, increasing the capacity to one hundred and seventy-five beds. The operating rooms have been remodeled and a new top-lighted and thoroughly equipped laparotomy room added. The new arrangements increase the convenience and double the capacity of the surgical department, while the same high standard of efficiency in the operating room service will be maintained as in the past.

A Maternity Department has been established, consisting of a number of well-lighted,

isolated rooms, in close relation to a completely equipped delivery room.

Two Children's Wards have been opened, and particular attention will be paid to the care and nursing of children.

The Eye and Ear Department has been provided with special wards, special nurses

and separate treatment rooms.

The X-Ray Department is located in the new portion of the hospital and has been provided with every convenience for examination, treatment and laboratory work. An entirely new set of the latest and most efficient apparatus has been installed.

Roof Garden. A special feature of the recent addition is a well-protected roof garden where convalescents may enjoy fresh air and sunlight and where patients may be given the

benefit of outdoor treatment.

While the Faculty of Cooper Medical College acts as a medical and surgical staff to the hospital, the privileges of the institution are freely open to all regular physicians in good standing. Physicians having patients in Lane Hospital are assured of every professional courtesy.

Communications may be addressed to the resident physician.

Executive Committee,

WM. FITCH CHENEY, M. D., STANLEY STILLMAN, M. D., GEO. B. SOMERS, M. D.

SAN FRANCISCO COLLEGE OF MEDICINE STATE BOARD PREPARATORY CLASSES

Preparation in all subjects of the State Board examination, together with clinical and laboratory work.

Laboratory Classes for Practitioners.

A six-weeks' course in Clinical Pathology, \$50.

A six-months' advanced course, including Bacteriological work, \$100.

Result of the April Examination.

Applicants for license:		Passed.	Failed.
From this college	20	19	1
From other sources	73	54	16

For particulars apply to

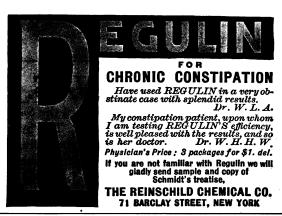
DR. H. D'ARCY POWER, Butler Building, 135 Stockton St., San Francisco.

Office Phones Douglas 235 Home Y-2063

DR. W. P. AGNEW

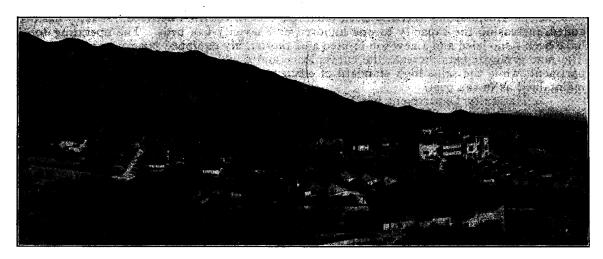
404 PACIFIC BUILDING

Practice limited to diseases of the rectum



POTTENGER SANATORIUM For Diseases of the Lungs and Throat

MONROVIA, CALIFORNIA.



A thoroughly equipped institution for the scientific treatment of tuberculosis. High-class accommodations. Ideal all-year-round climate. Surrounded by orange groves and beautiful mountain scenery. Forty-five minutes from Los Angeles.

F. M. Pottenger, A. M., M. D., LL. D., Medical Director. J. E. Pottenger, A. B., M. D., Assistant Medical Director and Chief of Laboratory.

For particulars address:

POTTENGER SANATORIUM, Monrovia, California.

Los Angeles Office: 1202-3 Union Trust Bldg.,

Cor. Fourth and Spring Streets.



LAS ENCINAS. A place for the treatment of Nervous Diseases NEAR PASADENA, CALIFORNIA

Situated in the foot-hills of the San Gabriel Mountains in the midst of picturesque scenery. Rural surroundings. The buildings are new, heated by hot water. Completely equipped. All kinds of baths. including Nauheim and electric baths. Rest, massage, electrical treatment, a gymnasium, horseback riding, etc. Address

DR. J. H. McBRIDE, Medical Director

PASADENA - - - - - - - - - - - - - CALIFORNIA

Private Sanatorium

Connected with

St. Luke's Hospital.

VALENCIA ST., Near Junction of Mission, SAN FRANCISCO, CAL.

Ven. John A. Emery, Treas. and Mgr. L. W. Allen, M. D., Superintendent.

Sidney M. Van Wyck, Jr., Secretary. A. F. Cowden, M. D. Resident Physician.

Large sunny rooms, newly furnished in an artistic, homelike manner, overlooking a beautiful lawn and palm garden. Special attention paid to DIET. Tray service equal to the best first class hotel. Chef in charge. Nursing excellent. New ten-room operating pavilion with a fully equipped operating pavilion and X-ray department. Rates—Private rooms from \$2.50 to \$7.00 per day, according to size and location. Physicians can attend their own patients without fear of interference, and every professional courtesy will be extended.

Visiting Staff: Herbert C. Mossit, M. D.; George Evans, M. D.; Harold P. Hill, M. D., Physicians; C. G. Kenyon, M. D., Harry M. Sherman, M. D., L. W. Allen, M. D., Surgeons; C. A. Von Hossman, M. D., W. I. Terry, M. D., F. B. Carpenter, M. D., Gynecologists; Geo. H. Powers, M. D., W. Barclay Stephens, M. D., Eye, Ear, Nose and Throat; Wm. Ophuls, M. D., Pathologist. Consulting Staff: W. W. Kerr, M. D., Thos. W. Huntington, M. D., W. E. Hopkins, M. D., D. W. Montgomery, M. D.

San Francisco Polyclinic and Post Graduate Medical School 443 FILLMORE STREET, BETWEEN OAK AND PAGE

Clinical Program For Post Graduate Work

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
9-10	Dr. Levison Surgery	City and County Hospital	Dr. Watkins Orthopedic Surgery	Drs. Martin and Merritt Diseases of Eye	Dr. Wagner Nose and Throat Tracheo- Bronchoscopy	Dr. Ryfkogel Surgery
10-11	Dr. Regensburger Diseases of Skin	Dr. Brown Dr. Russell	Dr. Zobel Diseases of Rectum	Dr. Bazet Genito Urinary Diseases	X-Ray	Dr. Welty Diseases of Ear
11-12	Dr. D'Arcy Power Internal Medicine	City and County Hospital	Dr. Mohun Diseases of Children	Dr. Carpenter Gynecology	Dr. Newmark Nervous Diseases	Dr. E. Schmoli Internal Medicine
1-3	Dr. Victors Laboratory	Laboratory	Laboratory	Laboratory	Laboratory	Laboratory
3-4	Dr. Gunn Tropical Diseases	Dr. Hannah Genito Urinary Surgery on Cadaver	Operating Room Technique	Dr. Chipman Histopathology of Skin	Dr. Smith Operative Obstetrics	Dr. Moloney Cystoscopy
4-6	Drs. Kreutzmann and Carpenter Operative Gynecology on Cadaver	Dr. Russell Intestinal Surgery on Dogs	Dr. Barrett Amputations and Resections	Dr. Ryfkogel Operative Surgery on Cadaver	Dr. Russell Intestinal Surgery on Dogs	Drs. Wagner Frederick, and Welty Oper. Surg. Ear. Nose and Throat on Cadaver

For Information Apply to MARTIN REGENSBURGER, Secretary

1218 Head Building

A. M. A. Principles of Ethics.
"It is equally derogatory to professional character for physicians to dispense or promote the use of secret remedie-"

Phone Kearny 4591

F. L. HEIM

Manufacturer and Importer of

Fine Shoes

Sole Agent for

Dr. A. Reed's Cushion Shoe
Fine Grades in Correct Styles and
Orthopedic Shapes

156 POWELL STREET

Near O'Farrell

San Francisco, Cal.

BOARD FOR INVALIDS.

\$40.00 a month and upwards. Trained nursing included. Address Supt. of San Francisco Home for Incurables, 1024 Franklin Street, San Francisco.

Osborne Hall SANTA CLA

CALIFORNI

COTTAGE SYSTEM

A Private Sanatorium for the care and training of children suffering from Nervous Disorders or Arrested Mental Development.

Under the Personal Management of Antrim Edgar Osborne, M. D., Ph. D.

Formerly and for 15 years Superintendent of the California State Institution for the Feeble Minded, etc.

Accommodations in Separate Cottage for a few adult cases seeking Rest Cure and treatment for Drug Addictions.

Rates and other particulars on application.

PASADENA SANITARIUM

Located in South Pasadena, convenient to Electric Lines between Los Angeles and Pasadena
For Cases of

GENERAL INVALIDISM, NERVOUS and MENTAL DISEASES and HABITUATION

Homelike, private place; "Set on a Hill" in most beautiful portion of Southern California; 35 acres grounds.

Buildings New and Modern; cottage plan, careful segregation.

Individual Treatment, scientific equipment. Rates reasonable. Direct telephone connections with both Los Angeles and Pasadena.

Los Angeles Office: 600-601 Auditorium Building; afternoons.

Address communications:

DR. T. W. BISHOP South Pasadena, Cal.



THE HOSPITAL OF THE GOOD SAMARITAN

—Established 1887—

934 WEST SEVENTH STREET - - LOS ANGELES, CAL.

A General Hospital of one hundred beds for patients, open to all reputable physicians, especial effort being made to serve the profession as a whole. The Training School for Nurses gives a three years' graded course.



The California Ho

LOS ANGELES

A DELIGHTFUL HOME FOR TH.
AND CONVALESCENT.

The California Hospital is one of the establishments of America. With over one dred and seventy-five rooms, five open rooms, delightful roof gardens and verandas, cious grounds dotted with semi-tropical trees plants, with a corps of nearly one hundred nur and with the most nourishing, palatable healthful food, it combines all of the necessary tributes of a hospital with the comforts of first-class modern hotel. Particular attention win be given to physicians and members of their families.

Address Medical Director, California Hospital 1414 South Hope Street, LOS ANGELES, CAL Both telephones, Exchange 61.

CLARK'S SANATORIUM



For the care and treatment of Mental and Nervous Diseases and of Morphine and Alcoholic Habits, was established by Dr. Asa Clark, for fourteen years Medical Superintendent of the California State Hospital at Stockton.

Address for further information DR. ASA CLARK, Medical Supt., DR. S. W. R. LANGDON,
Asst. Physician, or J. M. ANDERSON, Business Manager.

P. O. Box 297.

Phone, 351 Green

Stockton, Cal.

